DEVELOPMENT OF MEDICAL AND OCCUPATIONAL HISTORY FORMS FOR THE NAVY OCCUPATIONAL HEALTH INFORMATION MANAGEMENT SYSTEM

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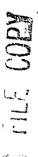
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Development of Medical and Occupational History Forms for the Navy Occupational Health Information Management System

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SUMMARY

The development of the Medical and Occupational History Forms in support of the Navy's occupational, safety and health programs reflect a concerted effort to establish a comprehensive summary of an individual's medical, employment, and exposure history throughout his or her adult lite and help establish a valuable baseline. The Medical History Form consists of four sections: family history, past medical history, personal history, and review of systems. The occupational History Form consists of three sections: occupational exposure inventory, environmental history, and chronological occupational exposure. The ascertainment of past medical and occupational histories requires a full understanding of a worker's current health status and the potential impact on health and tuture job performance. Cogent and timely use of such information contributes to more informed medical and administrative decision-making in terms of job placement and health risk.

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INTRODUCTION

Occupational health programs are multidisciplinary in nature, involving primarily the fields of occupational medicine, epidemiology, industrial hygiene and toxicology. The computerized occupational health information system, to be maximally effective, should incorporate, as a minimum, the following types of information: (a) detailed worker and job histories and demographic data; (b) an inventory of possible exposures and their potential adverse health effects related to specific workplace location, (c) invisite exposure data, and (d) employee medical information collected throughout the worker's career.

The objective of the Navy Occupational Health Information Management System (NOHIMS) is to provide an information system that will coordinate the components of the Navy's occupational health program in order to satisfy the requirements of the Occupational Safety and Health Act of 1970 (1) by helping to provide a safe and healthful working environment for all employees in Navy industrial facilities.

In order to provide the information needed to coordinate the components of the Navy's occupational health programs, NoHIMS utilizes a database consisting of three basic types of data entered into the system on a continual basis. These data comprise the personnel, environmental and medical files and are discussed in detail elsewhere (2-4).

A presentation of the types of information contained in the NOHIMS database is shown in Figure 1. In this riquire, personnel (occupational histories) and environmental (industrial activities, workplace environments and hazard profiles) data, for the worker population, are subsumed under the more general label of occupational health data. This report describes the initial development of the encounter forms that are designed to collect individual medical and occupational data elements and establish a baseline information base.

DESIGN AND DEVELOPMENT

Department of Defense (5) and Department of the Navy (6-8) instructions have directed the establishment of comprehensive, aggressive and effective occupational safety and health programs in support of the occupational Safety and Health Act (1). Among other tasks, these instructions require "...periodic surveillance to confirm or detect early presymptomatic exposure to health hazards, materials and environments at the worksite." Compliance with these instructions has engendered the need to develop a comprehensive record system that can monitor and document employee health and exposure patterns for extended periods of time.

The ascertainment of an individual's previous medical, occupational health care and job experience histories requires a full understanding of a worker's current health status and the potential impact on health risk and future job performance. Cogent and timely use of such information would contribute to more informed medical and administrative decision-making in terms of job placement and health risk.

Various corporate and medical surveillance information systems (9) and other sources (10-11) provided quidance for the basic structural design and identification of key data elements necessity.

essary to provide detailed medical and occupational histories. An essential requirement of these data elements is that they be coded and formatted in a manner that is compatible with other medically related NOHIMS modules. The 'Omputer STored Ambulatory Record (COSTAR) medical information system satisfies this criterion. CO TAR provides extensive user help, aids, and explanation techniques and is written in the American National Standards Institute (ANSI) standard MUMPS language (2) recently approved for use by DCD (12).

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Appendices A and B represent the initial conceptual development of the medical and occupational history forms, respectively. These forms reflect a concerted effort to provide a comprehensive medical and occupational history based on information of importance to both the occupational physician and epidemiologist.

DESCRIPTION

Medical History Form - The Medical History Form (MEDHM) consists of 13 pages and is divided into four sections: family history (Fi), past medical history (PMH), personal history (FH), and review of systems (ROS). The family history section requests information about various diseases or conditions that a worker's family members have or may have had in the past. The past medical history section asks the worker to answer questions concerning allergies, immunizations, use of medicines, hospitalizations and operations, injuries, and treatments for other than minor conditions over the past five years. Some basic demographic information including marital and veteran status is ascertained in the personal history section. In addition, information about lifestyle habits such as smoking, alcohol consumption and exercise is requested in this section. The final section of the medical history form provides a comprehensive review of body and organ systems. All of the items covered in the Report of Medical History (SF-93) have been integrated into this section in addition to other pertinent medical information. Systems reviewed include the skin, eyes, ears and hearing, mose-throat-mouth-teeth, respiratory and cardiovascular systems, qastrointestinal, urinary and reproductive systems, musculoskeletal and nervous systems, and a miscellineous category to cover diseases or conditions that do not fall under any of the other systems.

Occupational History Form - The basic format of the Occupational History Form (OCCHX) consists of 6 pages and is divided into three primary sections: occupational exposure inventory (OEI), environmental history (ENV), and chronological occupational profile (COP). The occupational exposure inventory section requests information concerning previous work-related injuries or health problems that may have led to lost work time, or refusal of employment or compensation. The environmental history section gathers information about various non-work related hazardous exposures encountered by the respondent (e.g., type of home heating and cooking devices, hobbies, and domestic chemical exposures). These two sections will be completed once during the pre-employment medical examination with changes submitted on at annual basis, or as required. The final section, chronological occupational profile, asks the respondent about his or her employment status (current or most recent job), health problems or injuries, hazardous exposures and use of personal protective equipment related to this job. The COP will be completed for all jobs (including military service) that an individual has held since high school or age eighteen.

IMP: EMENIATION

The content implementation plans are to conduct initial testing of the Medical and Occupational distory forms at the Civil Service Dispensary located at the North Island Naval Air Station, San Diego, California. The forms will be completed by prospective employees of the Naval Air Rework Facility during the preliminary phases of their pre-employment medical examination. Althorize the projetype NOBIMS application is directed rowards civilian employees, use of these forms can be easily adapted to other industrial activities at North Island employing both civilian and military personnel. Upon final acceptance and dissemination of NOBIMS, all civilian employees and military personnel who have not previously filled out these forms will be a equired to do so on a gale-time pass. A periodic (usually annual) undate of a worker's medical, home environment and occupational status will be conducted to determine if there have been any changes in health risk. Information from the complete forms will be reviewed by an occupational physician and/or area and entered into NOBIMS by data entry clerks.

DISCUSSION

The use of the Medical and Occupational History forms will provide a comprehensive summary of an individual's medical, employment and exposure history throughout his or her adult life and help establish a valuable baseline. For example, if a person starts working at a Naval activity with a physical or medical impairment incurred prior to this employment, the government needs to document that fact. Such workers would is identified via the Medical and Occupational History Forms. This type of information would be faluable in determining appropriate job placement and/or medical cuts, if Warranted.

One must keep in mind that with the exception of verifiable demographic data (social security number, age, veteran status), most of the other information is based on an individual's memory and, therefore, may be subject to recall bias. The standardization and structure of the forms and clear and concise wording of the questions will Jessen the likelihood of this type of bias.

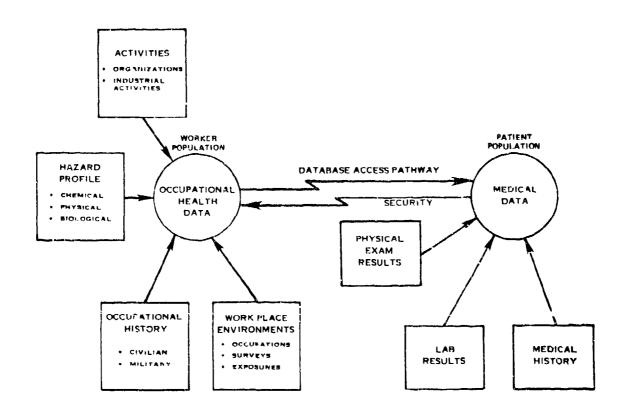
The storage of information in computers greatly increases the ease of information retrieval and, consequently, the potential for epidemiological studies. Preservation of this potential may be realized by maximizing input from the employee during the initial encounter.

The length of the forms and the time required to complete them may raise concerns from both management and medical personnel especially in terms of lost production time and increased medical review and data entry time. An additional concern may be the limits of worker attention span and endurance in completing the forms. This point is especially relevant depending on the number of primary jobs that an individual has had during his or her years of employment.

These forms represent the initial effort to consolidate all pertinent medical, occupational and exposure information into a comprehensive data file. Following field testing, design changes and additions or deletions of data elements may be expected. The ensuing modifications of these initial forms, then, will represent an effort to strike a reasonable balance between the scientific goals and practical considerations described.

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TYPES OF INFORMATION CONTAINED IN THE NOHIMS DATABASE

Figure 1

MEDHX FH/PMH

Please answer the following questions about your medical history as best you can. Afterwards, the nurse or doctor will go over your answers with you in private.

NOTE All of this information remains part of your confidential medical record. It can be released only by your signed permission. The information will be used to help provide better medical services to you.

			•	OFFICE USE ONLY			
SOCIAL S	SECURITY NUMBER	TODAY'S DATE	PROVIDER	NC. 1	PROVIDER NO. 2		
	·	HONTH DAY YEAT	TAST NAME:		(AST NAME		
FAMILY	HISTORY (FH)						
		MILY EVER HAD ANY OF TH er, Brother, Sister, G					
			•	Check only o	ne box for each gu	estion.	
				(Y) ES	NOT (S) URE	NO	
(ADB-)	Anemia, blood disease	, or bleeding tendency:	·	🗀	🗇		
(AHL-)	Asthma, hayfever, or	ellergles?		🛛	🗖		
(BDF-)	Birth defect(s)1			🔲	🗀		
(CTM-)	Cancer or tumor(s)7.			🛛	🗍		
(DBT-)	Diabetes (sugar disea	se)7		🖸	🗇		
'EP=-1	minths ones, miffering in	or.ulslons?		. 🖺	🗇		
(HTP-)	Heart trouble (includ	ing angina), high bloom	pressure, or stroke	:1 🔲	🗖		
(or o-)	Some other disease(s) in your family? If yo the disease(s) or con-	ou checked YES or NOT !					
				_	. OR OFFIC	E USE ONLY	
				-	(FNG)		
				-	A11	neg ans	
				-			
PAST M	EDICAL HISTORY (PMH)					
ALLERG!	<u>E5</u>			Che	ck only one box.		
						4	
				(Y)ES	HOT (S) URE	(N) D	
(PRX-)		<pre>n regio or adverse re n res, trouble with be ood substance; or mate</pre>	reathing, etc.) from	🗀	🗇		
	can) and the subs	E, list the year(s) [a tance(s) [If known] the dverse roaction(s).					
	(AY1) Vear(Write in)	19	(AY2) Year (Vidze (n) 1	9		
	(AS1) Substance (MrJt	• in)			"		
	(A73) Year (Wilte in)	1 9	(AY4) Year (Write in) 1	9		
	(AS3) Substance(Mrit				"		
	(AY5) Year (Write in)	19	(AY6) Year (Nidee in' 1	9		
	(ASS) Substance(Writ	• in)	(AS6) Subiti	once(Wzite i	·		
MHRC 11	1-13-84)						

MEDHX PMH

PAST M	EDICAL H	ISTORY	(PMH) (CONT.)
IMMUNIZA	ATTONS		
	HAVE YOU	HAD A:	Check only one bos for each guestion.
			(Y)ES NOT (S)URE (N)O
(TMK-) (DMM-) (PMM-)	Diphther	la immur	online the last 10 years?
MEDICIN	<u>ts</u>		
	ARE YOU	TAKING A	MY OF THESE MEDICINES REGULARLY (at least once per week)? (SF 93/8)
	(Y) E5	NO	
(APR-)			Aspirin (includes Ascripton, Bufferin, Anacin, or other medicines containing aspirin) Specify:
(ATD-)			Antiblotics (drugs to control infections such as penicillin) Specify:
(AAH-)			Allergy/asthma medicine (during last 12 months) Specify:
(BPH-) (BT-) (DRT-) (IFD-) (PCD-) (EXT-) (MSZ-) (MDH-) (TMD-) (TMD-) (TMD-) (MOV-) (BCP-) (STP-)			Blood thinner (anticoagulant) Specify: Diuretics (water ollis) Specify: Insulin for diabetes Specify: Pilts or capsuler for diabetes Specify: Laxatives Specify: Medicine for selzures or convulsions (epilepsy) Specify: Nitroglycerin, Digonin, or other heart medicine Specify: Stomach medicine (e.g., Tums, Rolaids, Gelucil) Specify: Thyroid medicine Specify: Tranquilizers or sleeping pills (e.g., Librium, Valium, Thorazine) Specify: Vitamins (high dosage only) Specify: Birth contert fills Specify: Steroid (e.g., Cortisone) pills or capsules Specify: f any other medicines that you take regularly (at least once per week). (SF 93/8)
(SDM-)	(MDNG) A Have you serum, d	ever he rug, or	

MEDHX PMH

PAST MEDICAL HISTORY (PMH) (CONT.)	
HOSPITALIZATIONS AND OPERATIONS	
LIST ALL HOSPITAL ADMISSIONS AND OPERATIONS FOR A	NY REASON. (SF 93/18419)
IF NONE, CHECK HERE: (NHS) No hospitalizat	Ion(s) and/or operation(s)
If any, please discribe the hospitalisation(s) and/or operation(s) below.
Box 1	BCX 2
(HP1) Year(Nrite in) 19	(HP2) Year(Write in) 19
Reson(Write in) Name of Mospital, City, and State(Write in)	Reason(Write in) Name of Hospital, City, and Stote(Write in)
BOX 3	80x 4
(HP3) Year (Write in) 19	(HP4) Year(Write in) 19
Reason(Write in)	Reason(Write in)
Name of Hospital, City, and State(Write in)	Name of Hospital, City, and State(Write in)
90x 5	80x 6
(HP5) Year (Write in) 19	(MP6) Year(Write in) 1 9
Reason(Write in) Name of Hospital, City, and State(Write in)	Reason(Write in) Name of Hospital, City, and State(Write in)
BOX 7	BOX 8
(MP7) Year (Write in) 19	(NPS) Year(Write in) 19
Reason(Write in)	Reason(Write in)
Name of Hospital, City, and State(Mrite in)	Name of Hospital, City, and State(Write in)
BOX 9	BOX 10
(MP9) Year (Write in) 1 9	(HP10) Year(Write in) 1 9
Reason(Write in)	Reason(Write in)
Name of Mospital, City, and State(Write in)	Name of Hospital, City, and State(Write in)
	Check only one box.
	(Y*)ES NOT (S*)URE (N)O
(ADV-) Were you ever advised to have an operation that	
you did not have? (SF 93/18)	
If YES OF NOT SURE, describe.	
MHR([11-13-R4]	

PAST ME	DICAL HI	STORY (PMH)	(CONT.)					
INJURIES					<u>(Y)</u>		ly one bus (\$)UKE	(H)D
((12)	Have you	ever had any seriou	is Injuries? (SF 9 3/20)	· · · · · · C	J 1	D	
	If Y	S or NOT SURE, plei	ise describe the	Injury(les)	below.			
		er(Wrate in) 1 9 . ry(Describe)			Year/Write Injury/Descri	ini 19		
		er(Write in) 1 9 ry(Describe)			Year/Write Injury <i>(Descri</i>			·
		ar (Write in) 1 9 ry (Describe)			Year(Write Injury(Descri			
TREATMEN							ly one box.	
(CTC-)	healers, for other	consulted or been to other practition than minor liles:	ners within the pass (SF 93/2)	past 5 years	·s.	<u>es 407</u>		(M) 0
		ou have consulted or please describe ti						
	(CT1) Year (Write in) 1 9 (CT2) Year (Write in) 1 9 Name and Address of Foctor, Clinic, etc.							
					Name and Addr	ess of Docto	or, (linic,	etc.
		tment (Descr (be)			Treatment (Des	cribe)		
		er(Write in) 1 9 and Address of Dog			Year(Write Name and Addr	in) 19_		etc.
	Tree	tment (Descrabe)		- -	Treatment (Des	crabe)		
				(E)XCL: LENT	(6) 00 p	(F) AIR	(P)00R	(D) OH'T
(мнн-)		ur health now? (! y one box		. 🖸			\Box	
					<u>(Y)</u>	ES NOT (\$)URE	(N)O
(MDD-)	Do you ha	ve a doctor (or doc	tors)? Check o	only one box.	[) [J	
	If yo	ou have a doctor or	doctors, please	Identity bel	Um.			
	(DN1) Na	me						
				. -	— · (Y)	E5 (D)ON'		(N) 0
(M.R-)		not have a doctor, to a doctor? Che	would you like the only one box.	us to	-			
NHRC [1]	1-13-84]	· · · 						

DE DCOMA	L HISTORY (PH)					
PE KSUNA	L HISTORY (PH)	·····	·			
	Check	k one box for each question	n unless otherwise in		£\ a	
(FAE-)	Have you lived in or vis or foreign countries in	sited other parts of the US the last 5 years?	5A 	(43)E 5	(H) 0	
	If YES, apacify when	re				
			·			
(MST-)	What is your marital its		F3(0) (4: /)			
		☐ (\$)eparated ☐ (D)lvorced	[] (W) Idow(er)			
	[] (A) arried	[] (b) IAGICES		(Y)ES	(N) 0	
(cv-)	Are you a veteran or cu	rrently in the Armed Force.	.7	<u> </u>	\	
(6- /				. —	. —	
(RMS-)		cted for military service (her reasons? (SF 93/22).		(Y+) ES	(H):0	
				1-7	יי	
	If YES, give date a	nd reason for rejection.				
				(Y*)E5	(N) D	
(DMS-)		haiged from military service other reasons? (SF 93/2)		<u> </u>	<u> </u>	
	If YES, alve date.	reason, and type of discha-	rae: whether	_		
		an honorable, for unfitness				
SMOKING	- CIGARETTES			(Y)ES	(N) D	
(HSCG-)	Do you now or have you	ever smoked clgarettes?				
	If NO, go to the ne	at section on \$ 7KING - PI	PES AND CIGARS.	_	_	
	(BSC) If YES, at wha	tage did you begin? Spec.	ify age	(Y)ES	(N) 0	
	(SNC-) Do you smoke n	.o7				
	(AQS) If you	have quit, at what age did	you do so? Specify	a ge		
		d you smoke (on the average				
		an I pack per day		k. but le	ss than	2 packs per day
	(B) One pac	<u>=</u>	(D) More than 2 pac			a poone per day
				(Y)ES	(M) 0	
	(SWJ-) Do you smoke w	mile on the job?	· • • • • • • • • •			
SMOKING	- PIPES AND CIGARS	······································			4	
		clyars?		(Y) ES	<u>(M)</u>	
	If No. go to the ne	ext section on EXERCISE.				
	(YPC) How many years	have you smoked a pipe or	cigars? Specify vea	T.S.		
		, , , , , , , , , , , , , , , , , , , ,		(Y)[5	(M)0	MOT (S)URE
	(IHS- , Do you Inhale	when smoking a pipe or eign	ers7			
						····

PERSONA	L HISTOR	Y (PH)	(CONT.)					
EXERCISE			Check one	box for each question	on unless otherwise	indicated.		
(ASP-)	Do you ex (such as	ercise or jogging,	engage in cycling, s	active sports REGULA almming, dancing, etc	NRLY :.)7	<u>(v) es</u>	(N)0 NOT	(5)URE
	(TPW-)	If YE5, h (A) Le		mes e week do you do (c) 2 (b) 3	that?	r more		
(LAJ-)	(S)ede	entary (mo erate (som	stly sitti	some walking)				
AL COHOL			Check one	box for each question	on unless otherwise		(H) 0	
(DBV-)	Do you d	rink alcoh	olic bever	ages (liquor, wine, i	beer)7	(Y) ES	(N) 0	
	If M), go to t	he next se	ction on the SKIN.				
	If Y	es, t	ten do you	drink each of the fe	allowing types of dr	Inks?		
			(A) Hone	Check one (B) Less than one day per mesk_	box for each type o (C) 1-Z days per week	of drink. (0) 3-4 c per s	iays	(E) 5·7 days per week
	(BEER-) (WINE-) (LIQ-)	Beer Wine Liquor			0			
	(AAB-)	(if you	drink more	ou drink an alcoholic than one kind of alc line plus number of h	coholic beverage, gl lghballs or cocktail	ve the tota s.)		
		(A) 1		[](c) 5-6 [](b) 7-8	[](E) 9 c	r more		
	(DKP-)	Do you s	r does a p	person close to you controblem?	•	<u>(Y)ES</u>	HOT (S)URE	/H) 0
				SURE, do you wish to lyate about obtaining		. 🗅	٥	
MHRC [1	-13-84]							

MEDHX ROS

REVIEW	OF SYSTEMS (ROS)						
SKIN	Check one	box for each question	n unless other	vise in	icated.		
DO YOU	NOW HAVE OR HAVE 1 41 EVER IN T	HE PAST HAD:			(Y) E S	NO (E)HAT	(#) 0
(SRS-)	' In resh (Including bives)?				<u>~~</u>	ND (S)UNE	(A) D
(0)	· · · · · · · · · · · · · · · · · · ·	what was/were the car			<u> </u>	J	
	<u> </u>	eck ALL that apply.					
	(C) lothing	(M)edicine	[] (V*) Sc	ome thing	in the	workplace (Spec	(1£y)
	[] (J) evel ry	Sun (1) 1ght	[] (n) -				
	(\$) oap	[] (F) ood				previously list	€đ
	[](T)olletries or cosmetics	(P)oison lyy				not certain	
				suse unki			
(MLS-)	Moles that have changed in a	lze or color, or that			(Y)ES	NOT (S)URE	(M) D
	have not healed?						
DID A D	OCTOR EYER TELL YOU THAT YOU H	AD:			- <u>-</u>		
/ern.)	Skin disease(s)7 (SF 33/11	- 1 L)			(Y) ES	NOT (S)URE	(H) 0
(3,00-)	(DDS-) If YES OF WOT SURE,						LJ
	(P)soriasis		(0*)ther (5	• • •			
(OSP-)	Do you now have or have you	ever in the nast had a	In s		(Y)ES	NOT (S)URE	(N) 0
	skin problems not covered ab	cve7					
	If YES OF NOT SURE,	specify				FOR OFFICE	E USE ONLY
						(SNG)	
						A11 :	neg ens
EYES	Check one	box for each question	unless other	wise ind			
(456-)	Do you now have vision in bo	th muse? /SE 82/108)			(Y)ES	NOT (S)URE	(N) 0
					. U		
DC YOU !	NOW HAVE OR HAVE YOU EVER IN TO	HE PAST HAD:			(¥) E S	NOT (S)URE	(H) 0
(FTR-)	Eye trouble? (5F 93/11-6)						
(5YJ-)	Serious eye Injury (more the	n 2 days off work)? .					
(ESG-)	Eye surgery?						
(FQI-)	frequent eye infections (e.g.						
(SBR-)	Severe Itching, burning, red	ness, or swelling of t	the eyellds? .				
DID A D	OCTOR EVER TELL YOU THAT YOU IS	AD:	~				4>-
(GLC-)	Claucoma (pressure on the eyo	eball7			(Y) E S	MOT (S)URE	(N) 0
(CTR-)	Cataracts?				ä	ñ	П
							 -
(612)	No way your alarma? (ET B)	14104)			(Y)ES	HOT (S)URE	(M) D
(CLS-)	Do you wear glasses? (SF 9) Do you wear contact lenses?	(\$F 9 3/10A)					1
(07P-)	Do you now have or have you	In the past year had			U	u	L
	any eye problem(s) not covers	ed above?					
	If YES or MOT STIRE,	apecify				FOR OFFICE	USE OF LY
						(ANE)	لـ
MHRC [1	1-13-841					All n	eg ens
	- ·						

MEDHX ROS

REVIEW	OF SYSTEMS (ROS) (CONT.)			
EARS AND	MEARING Check one boy for each question unless otherwise in	dicated	•	
DO YOU M	ON HAVE OR HAVE YOU EVER IN THE PAST HAD:	(Y) ES	NOT (S)URE	(N)0
	Ear, nose, or throat trouble? (SF 93/11-7)			
	Worn a hearing aid? (SF 93/10C)			
	(a) Less than 2 wonths (8) 2-5 months (c) 6-23	months	(D) 2 years	or more
(cos-)	Constant discharge (drainage of fluid) from your ears, or frequent infections in your ears?	(Y) ES	NOT (S)URE	(N)0
(RDS-)	Regularly engaged in these sports or hobbles: scubA diving, or shooting (firearms), clain sawing, snowmobiling, motorcycling, rock music, or others with loud noise?		FOR OFFIC	E USE ONLY
HOSE THR	OAT SIMUSES MOUTH TEETH GUMS Check one box for each question unless o	thervise	indicated.	
DO Y OU <u>N</u>	Nay fever? (SF 93/11-12)	(Y)ES	MOT (S)URE	(M) 0
(MCG-)	Nasal congestion, persistent running nose, alous tongestion, or sinusitio? (SF 93/11-11)			
(OCP-)	Any other trouble with your nose, throat, sinuses, mouth, teeth, or gums not covered above?		FOR OFFICE (EONG)	E USE OWLY
NHRC [11	- 13-8/1			

	The second secon			
REVIEW	OF SYSTEMS (ROS) (CONT.)			
RESPIRAT	DRY SYSTEM Check one box for each question unless otherwise 1	ndicated.		
DO YOU N	ON HAVE OR HAVE YOU EVER IN THE PAST HAD:	(Y) E S	MOT (S)URE	(w) o
(FCD-)	Frequent (more than 3 per year) or long-lasting (2 weeks or more) colds? (SF 93/11-9)			
(CHC-)	Chronic cough (almost averyday)? (SF 93/11-20)			Ö
	(AYC-) If YES or MOT SURE, during how many months of the year do you have this cough?		_	_
		ore than 6	months	
	(LTC-) If YES or MOT SURE, how long have you had this cough?			
	(a) tess than 2 years (b) 2-5 years (C) M	ore than 5	years	
	(CRB-) If YES or MOT SURE, do you ever cough up red blood? (SF 93	/9B)		
	(Y) Yes (N) No	(Y)ES	NOT (S)URE	(N) O
(tru-)	Tightness of the chest or wheezing?	17	17	Ö
_				
	CTOR EVER TELL YOU THAT YOU HAD:	(Y)ES	NOT (S)URE	(M) D
	Asthma? (SF 93/11-17)			
	Emphysema or chronic bronchitis?		<u> </u>	
(TS-)	Tuberculosis (TB)? (SF 93/11-16)	_ 🗆 _	_ <u>n</u>	
(RTd-)	Do you notice that when you return to work after being away for a few days (weekend or holiday) you get coughing,	(Y)E5	NOT (S)URE	(N)0
	wheezing, or tightness of the chest?			
(LVT-)	Have you ever lived with anyone who had tuberculosis (TB)? (SF 93/9A)			
(CRP-)	Do you now have or have you ever in the post had any other respiratory or breathing problem(s) not covered above?			
	If YES or NOT SURE, specify.		FOR OFFICE	E USE OWLY
			(RSNG)	
			All	hey ans
CARDIOVA	SCULAR SYSTEM Check one box for each querrion unless otherwise in	dicated.		
DO AON W	ION HAVE OR HAVE YOU EVER IN THE PAST HAD:	(Y)ES	NOT (S)URE	(N)0
(SHB-)	Shortness of breath (not the normal kind with severe exercise): (SF 93/11-18)			
(TPC-)	Tightness, pain, heaviness, squeezing, or pressure in your chest? (SF $93/11-19$)			
(PLP-)	Palpitations, pounding heart, or irregular heart beats (other than when you were upset, excited, or exercising)? (SF 93/11-21)			
DID A DO	OCTOR EVER TELI. YOU THAT YOU HAD:	(Y)ES	NOT (S)URE	(N) 0
(HBP-)	High blood pressure (hypertension)? (SF 93/11-23)			$\overline{\Box}$
(LMP-)	Low blood pressure? (SF 93/11-23)		<u> </u>	n
(HTR-)	Heart trouble? (SF 93/1:-22)		<u> </u>	ō
(STRK-)	A stroke?			Ō
(PHLB-)	Phlebitis (deep vain trouble in the lags)?			ō
(SFY-)	Scarlet fever or erysipelas? (SF 93/11-1)			Ō
(THF-)	Rheumatic fever/ (SF 93/11-2)	\Box		
		(Y)E5	HOT (5)URE	(N)0
(LVK-)	In your legs)? (SF 93/11-24)			
(MCP-)	Do you now have or have you aver in the past had any other problem(s) with your heart or blood vessels not covered above?			
	If YES or NOT BURE, specify.		POR OFFICE	USE CHLY
	والمراح		(cMP)	
			All n	eg ans
MHRE [11	7~13-84]			

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BELLEVI OF AUGTONG (BOCK (CONT.)	·		
REVIEW OF SYSTEMS (ROS) (CONT.)	·		
CASTROINTESTINAL SYSTEM Check one box for each question unless otherwise in	ndicated.	_	
DO YOU NOW HAVE OR HAVE YOU EVER IN THE PAST HAD:	(Y) E S	NOT (S)URE	(n) o
(FQD-) Frequent Indigestion? (SF 93/11-25)			
(SMH-) Stomach trouble? (SF 93/11-26)			ō
(BTB-) Black, tar-colored, or bloody bowel movements?		IП	$\overline{\Box}$
(CBM-) A change in your bowel habits (not explained by diet)?	$\bar{\Box}$	ñ	ñ
(MMP-) Hemorrholds (piles) or rectal trouble? (SF \$3/11-33)	Ö	ō	5
DID A DOCTOR EVER TELL YOU THAT YOU HAD:	(Y) E 5	NOT (S) URE	(N)0
(DSU-) An ulcer (duodenal, stomach, or peptic)?	\Box		
(DSG-) Gallbladder trouble or gallstones? (SF 93/11-27)	ā	Ē	ñ
(BSJ-) Jaundice, hepatitis, or liver trouble? (SF 93/11-26428)	ī	Ē	ñ
(DTR-) intestinal trouble (includes diseases of the colon)? (SF 93/11-26) .	Ö	5	ŏ
(OGP-) Do you now have or have you ever in the past had any other trouble(s) or disease(s) of the gastro-	(Y) E S	NOT (S)URE	(M) C
intestinal system not covered above?	\Box		
If YES or NOT SUPE, specify.		POR OFFICE	E USE ON LY
		(SHG)	
	_	A11 s	neg ans
URINARY AND REPRODUCTIVE SYSTEMS Check one box for each question unless other	rwise indi		
DO YOU NOW HAVE OF HAVE YOU EVER IN THE PAST HAD:	(Y)E5	NOT (S)URE	(N) 0
(BDB-) Bloody or dark brown urine (not dark yellow)? (SF 93/11-36)			$\overline{\Box}$
(SPU-) Frequent or painful urination? (SF 93/11-34)		ō	ñ
(FBK-) Frequent bladder or kidney infections?			ŏ
(PSD-) [MEN ONLY] Pain, swelling, or disease in your testicles?			<u> </u>
(FDS-) [VOMEN ONLY] have you ever been treated for a temale disorder? (SF 93/12A)	(Y)ES	NOT (S)URE	(w) o
(MSP-) [WOMEN ONLY] Have you ever had a change in menstrual pattern? (SF 93/12B)			
DID A DOCTOR EVER TELL YOU THAT YOU HAD:	(Y)ES	NOT (S)URF	(M) 0
(DKS-) Kidney stones ("gravel" in your prine)? (SF 93/11-36)	n	<u> </u>	<u> </u>
(DVD-) Vanereal disease ("VD") of any kind (including	<u>_</u>	_	Ш
syphills, gonorrhes, etc.)? (SF 93/11-38)	L	IJ	
If YES or NOT SURE, specify the disease.			
ريي من الله الله الله الله الله الله الله الل			
(ORU-) Do you now have or have you ever in the past had any problem(s) or disease(s) of the kidney, bladder,	(Y)[S	HOT (S)URE	(M) o
or reproductive system not covered above?			
If YES or MOT SURE, specify.		FOR OFFICE	USE ONLY
		(UHG)]
		A! 1 n	en ens
(TKK-) Have you ever tried to have children and had difficulty?			
(Y)es, had difficulty Not (s)ure (N)o difficult:			
(MCH-) Have you ever had any children (do not include fos.er children or adop	ted child	ren)7	
(Y)es Not (s)ure (N)o			
(ChM-) If YES or NOT SURE, have you ever had a child who was malform (congenital malformation, birth defect)?	ed		
(Y)es Not (s)ure (H)o			
2006 (1) -12-12-12			

REVIEW OF SYSTEMS (RGS) (CONT.)			·
MUSCULOSKELETAL SYSTEM Check one box for each question unless otherwise in	ndicuted.		
DC YOU HOW HAVE OR HAVE YOU EVER IN THE PAST HAD:	(Y)ES	NOT (S)URE	(N)0
(RBP-) Recurrent back or neck pain so severe that it prevented you from performing your normal actionties? (SF 93/11-45)			
(LMB-) If YES or MOT SURE, where was the pain located? Check ALL that apply.			
(L)ower back (U)pper back (N)eck			
(885-) To wear a brace or back support? (SF 93/10E)			
(95G-) Back surgery?			ō
If YES or MOT SURE, specify.			-
(HRP-) Herniated or ruptured disc in your back?		п	П
(SPJ-) Swollen or painful joints? (SF 93/11-3)	ñ	ñ	ñ
(DBJ-) Deformity of bones or joints? (SF 93/11-41)	ñ	ក	ö
(PTS-) Painful or "trick" shoulder or albow? (SF 93/11-44)	ñ	Ħ	
(PTK-) Painful, "trick", or locked knee, or knee that gives away? (SF 93/11-46)	Ō		ö
(KSG-) Knee surgery?			
(LMM-) Lameness (Inability to walk normally because of foot or leg difficulty)? (SF 93/II-42)			
(FTR-) Foot trouble? (SF 93/11-47)			ă
(LFT-) Loss of finger or toe? (SF 93/11-43)			Ō
(HFX-) Fracture(s) (broken bones)? (SI 93/11-30)			Ö
DID A DOCTOR EVER TELL YOU THAT YOU HAD:	(Y)ES	NOT (S)URE	(N)0
(ARB-) Arthritis, rheumatism, or bursitis? (SF 93/11-40)			$\widetilde{\Box}$
(SMT-) Serious muscle or tendon injury (tendonitis)?			ō
(RPH-) Rupture (hernia)? (SF 93/11-32)		$\bar{\Box}$	ñ
If YES or NOT SUFF, indicate year(s).			
MAYE 'OU EVER HAD MORE THAN ONE YEAR EXPERIENCE (AT WORK OR WHILE ENGAGED IN A HO! Y OR RECREATIONAL ACTIVITY) WITH ANY OF THE FOLLOWING:	(Y)E5	NOT (S)URE	(N) 0
(HRL-) Heavy, mwkward, or repetitive lifting?			
(VBT-) Vibrating tools (jackhammer, sander, etc.)?			
(RNW-) Highly repetitive hand/wrist motion such as that required in certain types of hand tool or assembly operations?			
(MPC-) If YES or NOT SURE to any of the three questions above, have you had any medical problems (pain, ilmitation of motion, etc.) connected with these activities?		П	ĒΊ
If YES or NOT SURE, please describe.		_	
سے میں میں میں سے مند شاہ سا سا سے ماہ سا سے ماہ سے میں مربا سے بہت شہ			
	(Y) ES	NOT (S) URE	(N) 0
(NTF-) Do you have any numbness or tingling in your fingers?			
(PWG-) Do you have any puln in your hands, crists, or forearms, particularly when grasping?		_	
(DMP-) Do you now have or have you ever in the past had any other musculoskeletal problem(s) not covered above?			<u> </u>
If YES OI MOT SURE, apecify.	_	FOR OFFICE	USE ONLY
		(MSNG)	neg ans
NHRE [11-13-84]			

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	ALICATING (DAG) / PANT)			
REVIEW	OF SYSTEMS (ROS) (CONT.)			
MERYOUS	TSTEM Check one box for each question unless otherwise i	ndicated.		
DO YOU R	W HAVE OR HAVE YOU EVER IN THE PAST HAD:	(Y)ES	NOT (S)URL	(M) 0
(FOH-)	Frequent or severe headaches? (SF 93/11-4)			
(DFB-)	Dizziness, fainting spells, or blackouts? (SF 93/11-5)			
(PRC-)	Periods of unconsciousness? (SF 93/11-56)			
(PLY-)	Paralysis (including pollo)7 (SF 93/11-69)	Ī		
(SHK-)	Shaking, tremor, or trembling of the hands (except when you were temporarily frightened or upset)?			
(EPZ-)	Epilepsy or selzures ("fits")? (SF 93/11-50)	$\bar{\Box}$	Ö	Ö
(HJC-)	Head Injury resulting in loss of consciousness? (SF 93/11-13)	$\overline{\Box}$		ō
(MRT-)	Neuritis7 (SF 93/11-48)	ō		ō
(MSK-)	Motion sickness (car, train, see, or air wickness)? LSF 93/11-51) .	Ē		$\overline{\Box}$
(TSC-)	Artempted sulcide7 (SF 93/9D)	ō	ō	ō
(M.*-)	Walking In your sleep? (SF 93/9E)	ij	5	
(MNS-)	Amnesia (loss of memory)? (SF 93/11-54)	Ö	Ē	
(FTS-)	Frequent trouble sleeping? (5F 93/11-52)	Ō	Ō	ō
(DPV-)	Depression or excessive worrying? (SF 93/11-53)	Ü		ō
(STH-)	A problem with stuttering or stammering? (SF 93/100)		ñ	ō
(PSY-)	Treatment for a psychiatric (mental) condition7 (SF 93/16)	Ō	ā	ō
	If YES or NOT SURE, specify where, year, and give details.			
(ONP-)	Other nervous trouble(s) of any sort not covered above? (SF 93/11-55		POR OFFIC (MNG)	E USE ONLY
(HKD-)	Are you: (SF 93/14)			
	(R) ight handed [](L) eft handed			
MISCELL	MEOUS Check one box for each question unless otherwise i	ndicated.		
DID A DO	CTOR EVER TELL YOU THAT YOU HAD:	(Y)ES	NOT (S, KE	(M)0
_	Diabetes (or sugar in your crine)? (\$F 93/11-37)			
(TTE)	Thyrold trouble or golter? (SF 93/11-15)	ក	ă	Ö
(DGT-)	Gout7	ō	ñ	ō
(DSN-)	Anemia?	ō	ă	ő
(DCA-)	Cancer of any kind? (SF 93/11-31)	$\widetilde{\Box}$	ñ	ō
,	(RCA-) If YES or NOT SURE, what kind of cancer?			
	Check ALL that apply.	_		
	(\$)kin Sto(m)ach (B)lood (Leukemia)		lu(d)der	
	(H) ead or neck (C) olon (L(y) moh (Hodgkins)		K) Idney	
	(E) sophagus (L) ung			
	HEN ONTA MOMEN ONTA		MEN OR WOMEN	
	(P)rostate B(r)east (V)terus		00) ther (Specify	y)
	Fig. 4. 4. 4. 1 Fig. 1. 4. 4. 4. 1			
	(T)esticle Cervifu) (O(v)ery	-		

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REVIEW OF SYSTEMS (ROS) (CONT.)			
MISCELLANEOUS (CONT.) Check one Low for each question unless otherwise if	ndicated.		
	(Y)ES	NOT (STURE	(M) D
(TGC-) Bld you ever have a noncancerous tumor, growth, or cyst?			
If YES OF MOT SURE, specify where [body part(s)] and			
when (year(s)).	-		
ورد المحمد والمحمد المحمد المح	•		
بن در فنن به هذا هذا حد حد الله فال الله على الله عند الله على الله عند الله الله الله الله الله الله الله الل			
	(Y)ES	HOT (S)URE	(W) O
(CMT+) In the past 12 months have you had a change in your weight?			П
(MCH-) If YES or NOT SURE, weight gain or loss? (SF 93/11-39)	_		
(A) Weight gain (B) Weight loss			
(LBS-) If YES or MOT SURE, how much?			
] (E) 40 1E	S. OF MOIE	
(a) 10-19 lbs. (b) 30-39 lbs.			
DO YOU NOW HAVE OR HAVE YOU EVER IN THE PAST HAD:	(Y)ES	NOT (S)URE	(N) O
(BMT-) A problem with bed wetting (after age 12)? (SF 93/11-35)			
(XB-) Excessive (too much) bleeding from a small cut or			
after having a tooth pulled? (SF 93/9C)	<u>D</u>	□	
(FNB-) Frequent nose bleeds?		L	
		FOR OFFIC (mac)	E DZF CMT)
			L
	(An)ER	(M) D	
(ILJ-) Have you ever had any illness or injury other than those already noted? (SF 93/20)	П	П	
If YES, specify when, where, and give details.	-		
سين المراد ا			
	(YA)ES	(N) O	
(DL1-) Have you ever been denied life insurance? (SF 93/17)			
If YES, state the reason and give details.			
نسب بين بين بين بين بين بين بين بين بين بي			
سني سنت بريور وين بين بين بين مين بين بين بين بين بين بين بين بين بين ب			
على فينت فين دعم فين في حدد فين فين في وي في فيد في الله الله الله الله الله الله الله الل			
(EXD-) Have you ever received, is there pending, or have you applied for	(Y+)ES	(M) O	
pension or compensation for an existing disability? (SF 93/24)		\Box	
If YES, specify what kind, granted by whon, what			
amount, when, and shy.			
MHRC [11-13-54]			
· · · · · · · · · · · · · · · · · · ·			

DCCHX OE 1/ENV

Please answer the following questions about your gene at occupational and environmental exposures as best you can. Afterwards, the nurse or doctor will go over your answers with you in private.

NOTE: All of this information remains part of your confidential medical record. It can be released only by your signed permission. The information will be used to help provide better medical services to you.

				*****	•••••	***************************************
			T			USE ONLY
SOC IAL	SECURITY NUMBER		TODAY'S DATE	PRO	VIDER NO. 1	PROVIDER NO. 2
	_ 		MONTH BAY YEAR	Į TAS	T'MAHE	TAST NAME
SITE OF	ENCOUNTER	TYPE	<u> </u>	_7.,,,,	*****	ATION (OFFICE USE ONLY)
(A) Nor	th Island		upational History for Job ber 1 of (OFFICE US)	CWLY)	[] (10) Review	
OCCUPA	TIONAL EXPOSE	IRE INVEN	TORY (OE1)		<u> </u>	
(OVX-)	Nave you ever Check only on	been off i	work for more than a day t	ecause o	f an Illness or Inj	ury related to work?
	(Y*) Yes		se describe below.)		DO NOT WELL	TE IN THIS BOX
				-		
				- <u> </u>		
(RSH-)	(Y#) Yes	(Pleas	th any substance that caus se describe balow.)	ed you to		shit - Check anly one. E IN THIS BOX
	12 7 cM (±2)					
						·- ·- ·- ·- ·
				_		
				_		
	(N) No					
(cJ-)	Have you ever Check only one	changed Jo	bs or work assignments be	cause of	any health problem(s) or injury(les)?
	(Y4) Yes (S4) Not St		e describe below.)	·	DO NOT WRIT	E IN THIS BOX
				-		
				-		
				-	· 	
	(N) No			- L==		
(RMP-)	Have you been Check ALL that	refused em apply.	ployment or been unable to (\$F 93-15)	hold a	Job or stay in school	of because of:
		ivity to el ht, etc.	hemicals, dust,	□ (»	Other medical res give reasons.)	ssons (If checked,
		Ity to per	form certain motions.			
	(c) Inabli	Ity to essi	ume certain positions.			
NHRC [1]	-6-84]					

OCCHX OEI/ENV

OCCUPAT	IONAL EXPOSURE IN	VENTORY (OEI)	(CONT.)					
(TBR-)	Have you ever worked breath, or wheezing)	lat a Job t 7 Check o	hat caus	ed you trou	ible with b	reathlag (in	c lud es	cough, shortness	of
		lease list		ľ		DO NOT	WRITE	IN THIS BOX	
	(\$*) Not Sure	lescribe bel	(ow.)						
					·				
		. — — — -			-				
					-				
					-				
	(N) No				- L <u></u>				
	[](4)								
(PDB-)	Do you frequently ha				back, or h	ave you been	under	professional car	e for
	back problems in the	past year	C.neca	only one.					
	(Y*) Yes (J (S*) Not Sure	lease desci	ribe belo	w.)		DO NOT	WRITE	IN THIS BOX	
	☐ (2±) NOT 2016								
		. 			.				
					.				
	☐ (N) HO								
(V WC-)	Did you ever receive	. compensati	on (VA	Workman's	etc) for	any of the a	bove b	ealth nochlem(s)	1) 5
(**** /	injury(ies)? Chack					2.17 OT THE 2		ecotti proofem(s)	5 1
	(Y) Yes	[](s) No	t Sure		(N) No				
ENVIROR	IMENTAL HISTORY (E	NV \	·						
	_				_		_		
(CRH-)	Have you ever change								
	[](N) No	[](**)	(II Yes,	describe b	riefly.) _				
(LNP-)	Do you live next doo	r to or ver	y near a	n industria	1 plant?				
	(N) No	□ (Y*)	(If Yes,	describe b	riefly.) _				
			· ~						
(SHM-)	Does your spouse or	now other h	o reabold	mambar bau		م معمدام طفائد		11	
(3////)	leisure activities?	any other n	03361010	member nav	r contact i	with 00313 0	r (nem	ICAIS AT WORK OF	buring
	(N) No	(Y*)	(If Yes,	describe b	riefly.) _				
									~
(UPH~)	Do you use pesticide	e and/or he	-blalder	around mou		42			
(Orale)	(N) No								
		<u>□</u> ()	,	describe b				- 	
	Which of the following	ng do you h	ave In y	our home?	Check All.	that applu.			
	ACD Air Conditio			Indoor Barb] KST	Kerosene Stove	
	APF Air Pur!fier		=	Hicrowave 0			_	Central Heating	
	HMF Humidifler	1	FPL	Fireplace				Other (Specify)	
	GST Gas Stove	1	WB5	Wood-burnin	g Stove				
	EST Electric Sto	ve	CBS	Coal-burnin	g Stove			·	
HRC TT	-6-841								

		(CONT.)			
(EHC-)		ever ha	d a hobby or craft? Check on re (N) No	ily one.	
	If you have never had a hob	by. <u>or</u> <u>cr</u>	aft, go to the CHRONOLUGICAL O	CCUPATI	ONAL PROFILE on page 4.
	If you have or have had a ho	obby or	craft, complete one box below	for eac	h hobby or craft.
			BOY 2	1	BOX 3
(NC1)	BOX 1 Name of hobby or craft:	(NC2)	Name of hobby or craft	(NC3)	Name of hobby or craft:
(YC1)	How many years did you do/ have you done this hobby or craft? Years	(YC2)	How many years did you do/ have you done this hobby or craft? Years	(YC3)	How many years did you do/ have you done this hobby or craft? Years
(HC1)		(HC2)	On the average, how many hours per week did you do/ have you done this hobby or craft? Hrs per Wk	(HC3)	
-	BOX 4	1	80x 5		80x 6
(NC4)	Name of hobby or craft:	(NC5)	Name of hobby or craft:	(NC6)	Name of hobby or craft:
(YC4)	How many years did you do/ have you done this hobby or craft? Years	(YC5)	How many years did you do/ have you done this hobby or craft? Years	(YC6)	How many years did you do/ have you done this hobby or craft? Years
(HC4)	On the average, how many hours per week did you do/ have you done this hobby or craft? hrs per Wk	(HC5)	On the average, how many hours per werk did you do/ have you done this hobby or craft? Hrs per Wk	(нс6)	On the average, how move hours per week did you do, have you done this hobby or craft? Hrs per Wk
	BOX 7	1	BOX 8		BOX 9
(NC7)	Name of hobby or craft:	(NC8)	Name of hobby or craft:	(NC9)	Name of hobby or craft:
(YC7)	How many years did you do/ have you done this hobby or craft? Years	(YC8)	How many years did you do/ have you done this hobby or craft? Years	(469)	How many years did you do/ have you done this hobby or craft? Years
(HC7)	On the average, how many hours per week did you do/ have you done this nobby or craft? Hrs per Wk	(HC8)	On the average, how many hours per week did you do/ have you done this hobby or craft? Hrs per Wk	(HC9)	On the average, how many hours per week did you do/ have you done this hobby or craft? Hrs per Wk
	hobbies or crafts	breathl	ou have or have had, check the ng, touching, or direct exposu azards that I know of	: hozaró ir= whll	ous substances you e doing these
	HACD Acids		HNS Noise (loud)		HWF Welding fumes
	HALC Alcohols (industrial) HASB Asbestos		HSP Silica powder or sand- blasting dust		HOS Other substance(s) (Specify)
	HFG Flbrous glass		HSL Solvents		
	HHT Heat (severe)		HVB Vibration		
NHRC []	1-6-84)				

CHRON	OLOGICAL OCCUPATIONAL PROFILE (COP) FOR Complete this section for your r unemployed, complete this section	orrent Jo	b as best you can. If you are
EMPLOY	HENT STATUS		
(NCE)	Name of employer:	(csc)	City, State or Country:
(DNT)	Type of Industry:		Average number of hours worked per week:
(YS)	Year started 19		Total years worked there:
(YL)	Year left: 1 9		Total manths worked there
(STL)	[] Check box if Still em loyed		(If less than one year):
(TLY)	What is/was your job title? (List ALL if more than one job title.)	2. 3	
(רם)	3.	ach job t	Itle listed above.
	DATED HEALTH PROBLEMS OR INJURIES While on this job, have you had/did you hav (Y*) Yes (S*) Not Sure If yes or not sure, briefly describe each p	(N)	Injury. DO NOT WRITE IN THIS BOX
	1. 2. 3. 4.		
(CJP-	same job? (Y*) Yes (S*) Not Sure	(N)	
NHRC T	If your co-workers have/had health problems briefly describe each problem or injury. 1. 2. 3. 4.		DO NOT WRITE IN THIS BOX

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HEALTH HA	ZARDS												
Wh.	at known health hazards are/were p wea blank if the hazard was not pr	resent esun' (on t	his j you	obî	Ch not	eck sur	the ap e that	prop the	riat: haz	e bo ard	res, Leava vas present	the
		(A) Check here if health hazard is/was present on the job.			(B) Also check here if you are/were in direct contact with it by breathing, touching, or other direct exposure.				ith •		Indicate how long you have been/wer 'irectl or indirectl 'xposed to the health hazard. YEARS MONTHS (Use whole (Use whole numbers; no ranges) no ranges) no ranges)		
(KHF-) 1	Fibrous glass (fiberglass)					-							
(KHA-)	Asbestos			٠.									
	Coal dust or rock dust				٠.								
	Silica powder or sandblasting dust					•		[]	٠			·	
	Other specific dusts (wood,talc,llr				٠.	•			•				
	Respiratory or skin irritants				٠.	•			٠		•		
	Chemicals (acids, alkalis, solvents)					•	•		٠			·	
	Metal fumes (from molten metal) Welding fumes										-	·	
				• •		•			٠		٠	•	
	ioal tar, pitch, asphalt Ingine exhaust, grease, oils, fuel		П			•			•	· · ·			
	leat (severe)		H	• •			•		٠	•	•		
	old (severe)		Ħ.		• •	• •	•		•				
	loise (loud)		Ħ.				•	H	•		•	·	
	on-ionizing radiation						•				•		
	onizing radiation (Xrays,etc.)		ñ					П		• •			
кну-) у	ibration (vibrating tools, motors)							\Box					
KHG-) G	eneral shop dust											******	
	esticides, herbicides				٠.								
кно1-) о	ther (Write in)	_											
KH02-) 0	ther (Write in)		L			<u>.</u> .							 .
KH03~) 0	ther (Write in)				٠.				٠.				
кно4-) о	ther (Nrite in)												
нрн) [Check here if there are, were No	health	n haz	ards :	on t	h15	Job						
	If you did not go to the sect	check on on	Chem PROTI	icals ETIVI	in E EQ	ihe UIPI	Que IENT	stion on pa	abov oe 6	e,			

COP

CHRON	DLGG1	CAL OCCUPATIONAL PROFILE (C	OP) FOR CURRENT J	OB (CONT.)
HEAL TH	HAZAR	DS (CONT.)		
	you e	u checked Chemicals In the previous posed to, directly or indirectly ad to.	ous question, which o y? Check ALL that ap	f the following chemicals are/were ply which you are sure you are/were
	CALC CALK CAMM CBMZ CBMY CCDM CCOX CCBM CCT CCN	Acids Alcohols (industrial) Alkalis (caustics) Ammonia Benzene Beryllium Cadmium Calcium oxide (lime dust) Carbon monoxide Carbon tetrachloride Chlorinated naphthalene Chloroform	CKT	Ketones Lead (inorganic) Manganese Mercury (inorganic) Methylene chloride Hickel (inorganic) Perchloroethylene Phenol Phosgene Polybrominated biphenyls (PBB's) Polychlorinated biphenyls (PCS's) Solvents
	COB	Chloroprene Chromates Dichlorobenzene Ethylene dibromide (EDB) Halothane Isocyanutes, methylene dipnenyl isocyanzte (MDI), or toluene diisocyanzte (TDI) Other (Write an)	CVC	Styrene Toluene Trichloroethane ("Trichl) Trichloroethylene One of previous two; not sure which one. Irinitrotoluene (TNI) Vinyl chloride Other(Write in)
		Other (Write in) Other (Write in) Other (Nrite in) Other (Write in)		Other (Write in) Other (Write in) Other (Write in) Other (Write in)
(PEQ-) ‰/ 	OUIPMENT Did you use protective equipment (Y) Yes	re (N) 14	io LL that apply. \[\sum \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
WBC :	11-6-8		·····	

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JOB #2

Now that you have completed a CHRJNOLOGICAL OCCUPATIONAL PROFILE for your current Job (or, if unemployed, for your last Job), please fill out a CHRONOLOGICAL OCCUPATIONAL PROFILE for all Jobs (Including military service) that you had prior to that. Start with the Job Just before your current Job or, if unemployed, your last Job (this is JOB #2), and then work backwards to high school or age 18, whichever comes first.

				OFFICE USE ONLY						
SOCIAL	SECURITY NUMBER		TODAY'S DATE		PROVII	DER NO. 1	PROVIDER NO. Z			
			HONTH DAY	YEAR T	ĪĀ\$Ť	NAME	LAST NAME			
SITE O	FENCOUNTER	TYPE					ATION (OFFICE USE ONLY)			
(A) No:	rth Island		upational Histor ber 2 of		ONLY)	(10) Review	red [](11) Not Reviewed			
EMPLOY	MENT STATUS									
(NCE)	Name of employer	r:		(csc)	City,	State or Country:				
(TND)	Type of industry) Average	e number of hours	worked per week:			
(YS)	Year started:			(TNW)	Total	years worked ther	'e:			
(YL)	Year left: 19			(THV)		months worked the is than one year)	re '			
(TLY)	What was your Jo			1.						
	if more than one	e joi titl	e.)	2.						
				4.		_ _				
(רם)	1									
	2									
JOB-PE	LATED HEALTH PROI		NJURIES							
-HRL)) While on this	lob, did	you have any jot	-related he	alth prob	lems or injuries?	,			
	[] (Y*) Yes		(5*) Not Sure			•				
	If yes or not	sure, bri	efly describe ea	ich problem (or injury	. DO HOT WRI	TE IN THIS BOX			
	*									
(CJP-) If yes or not (Y*) Yes		any of your co-)(S*) Not Suce			problems or injur	ies while on this same job?			
			health problems roblem or Injury			DO NOT WRI	TE IN THIS BOX			
	1									
					1					
	3									
	4									
NHR(T	11-6-84)									

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HEALTH HAZARDS what known health hazards were bores blank if the hazard was					
	(A) Theck he health h was pre on the	azard If sent dired Job. It touc	(B) so check here you were in ct contact with by breathing, ching, or other rect exposure.	indicate how long you were directly or indirectly exposed to the health hazard. YEARS MONTHS (Use whole numbers: numbers: numbers: no ranges) no ranges)	
(KHF-) Fibrous glass (fiberglass) . (KHA-) Asbestos (KHC-) Coal dust or rock dust (KHC-) Silica powder or sandblastin (KHD-) Other specific dusts (wood, t (KHR-) Respiratory or skin irritant (KHCH-) Chemicals (acids,alkalis,soi (KHM-) Metal fumes (from molten met (KHM-) Welding fumes (KHH-) Engine exhaust, grease, olls (KHH-) Engine exhaust, grease, olls (KHH-) Heat (severe) (KHH-) Noise (loud) (KHM-) Noise (loud)	dust	cals in the gue			

CHRON	OLOG1	CAL OCCUPATIONAL PROFILE (C	DP) (C	ONT	.)	
HEALTH	HAZAR	DS (CONT.)				
_	lf yo	u checked Chemicals in the previo ed to, directly or indirectly? (ous question Theck ALL t	on, w hat	hich o apply	of the following chemicals were you which you are sure you were exposed to.
П	CACD	Acids			CKT	Ketones
ñ	CALC	Alcohols (industrial)			CLD	Lead (inorganic)
ñ	CALK	Alkalis (caustics)		ā	CHS	Hanganese
ñ		Ammonia			CMR	hercury (inc. mic)
ă	CBNZ	Benzene			CHT	Methylene chi. (Ide
	CBRY	Beryllium .			CNK	Nickel (Inorganic)
	CCDH	Cadmium			CP	Perchloroethylene
	CCOX	Calcium oxide (lime dust)			CPN	Phenoi
	CCBH	Carbon monoxide			CPS	Phosgene
	CET	Carbon tetrachionide			CPBB	Polybrominated hiphenyls (PBB's)
	CCN	Chlorinated map. thalene			CPCB	Polychlorinated biphenyls (PCB's)
	CCLF	Chloroform			CSL	Solvents
	CCLP	Chloroprene			CST	Styrene
	ссин	Chromates			CTL	Toluene
	CDB	Dichlorobenzene			CTE	Trichloroethane ("Trike")
	CEDS	Eth, lane dibromide (CDD)			CTLL	Trichloroechytene
	CHT	Halothane			CNS	One of previous two; not sure which one.
	CISC	Isocyanates, methylene diphenyl			CTNT	Trinitrotoluene (TNT)
		isocyanate (MDI), or toluene dilsocyanate (TDI)			CAC	Vinyl chloride
	CTH	Other (Write in)		_		Other(Write in)
		Other(Write in)				Other (Write in)
		Other (Write in)		_		Other (Write in)
		Other (Write in)		_		Other(Write in)
		Other (Write in)		_		Other(Write in)
PROTEC	TIVE E	QUIPHENT				
(PEQ-	_	you use protective equipment whi (Y) Yes [](\$) Not Sui			7 (N) N	0
(120-) f	yes, which of the following did y	/DU US#7	Char	k ATJ.	that apply.
			(G) love			□ \$(v) : t
			(R)esp!		r	(0*)ther (Specify)
	ب	cranial belmet	(S)afet			the transfer topicity
		(F)ace mask				بيب بعد يجه بيو بيب دنه حيد نيب هند فقد
NHRC	11-6-6	۱)				

OCCHX COP JOB #__

Now that you have completed a CHRONOLOGICAL OCCUPATIONAL PROFILE for your current Job (or, if unemployed, for your last Job), please fill out a CHRONOLOGICAL OCCUPATIONAL PROFILE for all jobs (including military acruice) that you had prior to that. Start with the Job just before your current job or, if unemployed, your last Job (this is JOB #2), and then work backwards to high school or age 18, whichever comes first.

		i	OFFICE USE ONLY						
SOCIAL SECURITY NUMBER	TODAY'S DATE	-	PROVI	DER NO. 1	PROVIDER NO. 2				
	MONTH DAY YE	EAR .	LAST	NAME	LAST NAME				
SITE OF ENCOUNTER TYPE	1	<u> </u>	• • • • • • • •	VISIT CLASSIFIC	ATION (OFFICE USE ONL"				
	cupational History f	For Job OFFICE USE	ONLY)	[] (10) Review	ed [] (11) Not R swed				
EMPLOYMENT STATUS	· · · · · · · · · · · · · · · · · · ·								
(NCE) Name of employer:		(csc)	City,	State or Country:					
(TND) Type of Industry:		(HPW)			worked per week:				
(YS) Year started: 1 9		(TNV)	Total	years worked there	: <u></u>				
(YL) Year left: 1 9		(WMT)	Total	months worked the					
(YJT) What was your job title?		۱							
if more than one job tit.	(e.)	2							
		3							
		4							
2									
3.									
4.									
JOB-RELATED HEALTH PROBLEMS OR 1									
(JRH-) While on this Job, did	you have any Job-re	lated heal	th probl	ems or injuries?					
(Y*) Yes	(5*) Not Sure	(H)	No						
If yes or not sure, bri			injury.	DO NOT WRIT	E IN THIS BOX				
1									
2									
3									
4			L						
(CJP-) If yes or not sure, did	any of your co-work	kers have	health p	roblens or injuri	es wille on this same job?				
	(S*) Not Sure	(א)			-				
If your co-workers had briefly describe each p	roblem or injury.	,		DO NOT WRIT	E IN THIS BOX				
<u> </u>									
2									
3									
•			L						
NHRC [11-6-84]									

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	(A) Check here If health hazard was present on the Job.		(B Also che If you w direct con It by bro touching, direct e	ck here ere in tact with eathing, or other	indicate how long you were directly exposed to the health hazard. YEARS MONTHS (Use whole numbers; numbers; no ranges) no ranges	
(KMF-) fibrous glass (fiberglass) (KMA-) Asbestos						

COP

CHRONOLOGICAL GCCUPATIONAL PROFILE (COP) (CONT.)							
HEALTH	HAZAR	DS (CONT.)					
	if yo	u checked Chemicals in the preved to, directly?	ious question, w Check ALL that	hich o app!y	of the following chemicals were you which you are sure you were exposed to.		
П	CACD	AcIds		СКТ	Ketones		
ñ	CALC	Alcohols (industrial)		LLD	Lead (Inorganic)		
'n	CALK	Alkalis (caustics)		CHS	Manganese		
Ä	CAMH	Armonia		CMR	Mercury (inorganic)		
$\bar{\Box}$	CBNZ	Benzene		CHT	Methylene chlorIde		
	CBRY	Beryllium		CNK	Nickel (inorganic)		
	CCD .	Cadmium		CP	Perchloroethylene		
	CCOX	Calcium oxide (lime dust)		CPN	Pheno1		
	ССВН	Carbon monoxide		CPS	Phosgene		
\Box	CCT	Carbon tetrachloride		CFBB	Polybrominated biphenyls (FBB's)		
	CCN	Chlorinated maphthalene		CPCB	Polychlorinated biphenyls (PCB's)		
	CCLF	Chloroform		CSL	Solvents		
	CCLP	Chloroprene		CST	Styrene		
	ССНИ	Chromates		CTL	Toluene		
	CDB	Dichlorobenzene		CTE	Trichloroethane ("Trike")		
	CEDR	Ethylene dibromide (EDR)		CLEF	Trichloroethylene		
L	CHT	Halothane		CNS	One of previous two; not sure which one,		
	CISC	Isocyanates, methylene dipheny	י 🗀	CTNT	Trinitrotoluene (TMT)		
		isocyanate (MDI), or toluene diisocyanate (TDI)		CVC	Vinyl chloride		
	ETH	Other (Write in)			Other (Write in)		
		Other (Wzite in)			Other(Write 1. 1		
		Other (Write in)			Other (Write in)		
		Other (Write in)			Other (Write in)		
		Other (Write in)			Other (Write in)		
PROTEC	TIVE E	QUIPNENT					
(PEQ-) Did you use protective equipment while on this Job? [] (Y) Yes [] (S) Not Sure [] (K) No							
(YPQ-) f	yes, which of the following did	you use? Checi	k ALL	that apply.		
•	(A)pron (G)loves				□ s(u)1t		
		(E)ar plugs, muffs, or	(R)espirato	r	(0*)ther (Specify)		
	_	cranial helmet	(S)afety gla		<u> </u>		
		(F) ace mask					
NHRC [11-6-8	4)					

SECUPITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE	READ INSTRUCTIONS BEFORE COMPLETING FORM					
1. REPORT NUMBER 25- 2 AT A 1546	3 PECIPIENT'S CATALO NUMBER					
4. TITLE (and Subtitle) DEVELOPMENT OF MEDICAL AND OCCUPATIONAL HISTORY FORMS FOR THE NAVY OCCUPATIONAL HEALTH INFORMA-	Interim					
TION MANAGEMENT SYSTEM	6 PERFORMING ORG. REPORT NUMBER 8 CONTRACT OR GRANT NUMBER(*)					
J. C. Helmkamp, R.L. Cohen, D.M. Ramsey-Klee, K. E. Guidera, C.M. Bone	SOUTHER ON SHART NOME AT					
9. PERFORMING ORGANIZATION NAME AND ADDRESS Naval Health Research Center	10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS					
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Bethesda, MD 20814	33					
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approved for public release; distribution unlimited						
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Work-related Non-vork-related						
20. ABSTRACT (Continue on reverse side if necessary and identify by black number)						
This report describes the development of the medical and occuapational history forms in support of the Navy Occupational Health Information Management System (NOHIMS). The forms are presented in detail and discussed in terms of their importance in a computerized medical information system. The use of these forms will provide a comprehensive summary of an individual's medical, employment and exposure history throughout his or her adult life.						